

TABLE 69

Federal outlays for R&D plant, by agency: FYs 2013–22

(Dollars in millions)

Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
All agencies	1,859	2,244	2,405	2,228	3,223	3,844	3,287	4,786	3,805	4,316
Departments										
Department of Agriculture	25	19	18	20	15	38	49	75	111	253
Agricultural Research Service	15	10	9	5	6	23	39	66	100	243
Forest Service	8	7	8	13	9	16	10	9	12	10
Grain Inspection, Packers, and Stockyards Administration	2	2	2	2	*	na	na	na	na	na
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	NA	*	0
Department of Commerce	180	180	196	211	183	292	386	261	265	377
National Institute of Standards and Technology	52	51	64	61	64	75	133	94	121	195
National Oceanic and Atmospheric Administration	128	129	132	150	119	217	253	167	144	182
Department of Defense	87	137	150	168	920	395	353	507	211	166
Defense Health Agency	na	NA	NA	NA	NA	NA	NA	15	0	0
Department of the Air Force	68	111	119	122	161	179	205	193	163	120
Department of the Army	0	0	0	5	720	0	0	0	0	0
Department of the Navy	18	19	24	29	30	38	126	284	38	36
Other defense agencies	1	7	8	12	9	177	22	14	11	10
Department of Energy	559	669	992	998	1,168	2,065	1,508	1,790	2,330	2,386
Bonneville Power Administration	14	0	0	0	0	NA	NA	NA	NA	NA
Energy Efficiency and Renewable Energy	16	4	4	3	4	208	10	55	38	50
Fossil Energy	16	16	18	0	16	21	23	24	28	29
National Nuclear Security Administration	75	82	293	262	290	299	275	512	836	772
Defense Programs	75	60	138	102	89	189	275	256	498	358
Naval Nuclear Propulsion Program	*	22	155	160	200	109	0	247	331	407
Office of Defense Nuclear Nonproliferation	0	0	0	0	0	0	0	9	8	8
Office of Science	437	568	677	733	859	1,538	1,200	1,200	1,428	1,535
Department of Health and Human Services	148	160	127	141	217	222	156	1,502	355	340
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	NA	NA	0	1,296	160	*
Centers for Medicare and Medicaid Services	0	0	0	0	0	0	*	0	0	0
Food and Drug Administration	22	23	23	31	29	29	26	28	35	40
Health Resources and Services Administration	1	1	1	1	0	0	0	0	1	1
National Institutes of Health	126	136	104	110	188	193	130	178	158	299
Department of Homeland Security	279	408	228	193	186	215	206	70	13	27
Coast Guard	1	1	1	1	1	1	1	0	0	0
Science and Technology Directorate	278	406	227	192	184	214	205	70	12	26
Transportation Security Administration	NA	NA	NA	NA	NA	0	0	0	1	1
Department of the Interior	7	6	7	8	3	4	4	5	2	2
Bureau of Reclamation	3	2	3	1	1	1	1	2	2	2
Bureau of Safety and Environmental Enforcement	4	3	4	7	2	2	3	3	0	0
Department of Labor	*	0	0	0	0	0	0	0	0	0
Occupational Safety and Health Administration	*	0	0	0	0	0	0	0	0	0
Department of Transportation	22	20	22	29	35	31	38	52	29	31
Federal Aviation Administration	16	18	19	27	32	30	36	50	27	28
Federal Railroad Administration	6	2	3	2	3	1	2	2	1	2
National Highway Traffic Safety Administration	0	0	0	0	0	0	0	0	1	1
Department of the Treasury	0	0	0	0	0	0	4	2	0	*
Bureau of Engraving and Printing	0	0	0	0	0	0	2	2	0	0
Mint	0	0	0	0	0	0	2	*	0	*
Other agencies										
Environmental Protection Agency	7	7	5	5	5	5	5	4	6	6

TABLE 69

Federal outlays for R&D plant, by agency: FYs 2013–22

(Dollars in millions)

Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
National Aeronautics and Space Administration	65	134	210	76	88	87	78	27	43	54
National Science Foundation	434	468	415	348	371	457	468	423	371	604
Nuclear Regulatory Commission	0	0	0	0	0	0	0	1	0	0
Smithsonian Institution	47	36	33	29	33	33	33	66	69	69

* = amount greater than \$0 but less than \$500,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data were not collected at that level for that fiscal year.

Note(s):

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had outlays in variables represented by this table appear in the table. FYs 2020 and 2021 outlays include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.